

11/20/00
JC803US.PTO

Please type a plus sign (+) inside this box → ☒
the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/05 (08-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. ACME SPONGE
First Inventor CANTONIS
Title Elongated Chamois Pad
Express Mail Label No.

U.S. PTO
09/17/00
11/20/00

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets]
5. Oath or Declaration [Total Pages]
 - a. ☒ Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed)
 - b. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other: _____

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: _____

Prior application information: Examiner: _____

Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

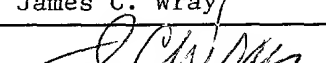
18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	James C. Wray				
Address	1493 Chain Bridge Road				
	Suite 300				
City	McLean	State	VA	Zip Code	22101
Country	US	Telephone	(703) 442-4800	Fax	448-7397

Name (Print/Type)	James C. Wray	Registration No. (Attorney/Agent)	22,693
Signature		Date	11/20/00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 557.00

Complete if Known

Application Number	
Filing Date	11/20/00
First Named Inventor	CANTONIS
Examiner Name	
Group Art Unit	
Attorney Docket No.	ACME SPONGE

METHOD OF PAYMENT

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
NumberDeposit
Account
Name☐ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status.
See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

☒ Check ☐ Credit card ☐ Money
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	355
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$) 355.00**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
38	-20** = 18	X \$9 =	162
Independent Claims	-3** =	X	
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 80	202 40	Independent claims in excess of 3	
104 270	204 135	Multiple dependent claim, if not paid	
109 80	209 40	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 162.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
-------------------------------	-------------------------------	-----------------	----------

105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00**SUBMITTED BY**

Name (Print/Type) James C. Wray

Registration No.
(Attorney/Agent)

22,693

Complete (if applicable)

Telephone (703) 442-4800

Signature

Date 11/20/00

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

APPLICATION

FOR

UNITED STATES LETTERS PATENT

FOR

ELONGATED CHAMOIS PAD

BY

JAMES M. CANTONIS

James C. Wray, Reg. No. 22,693
Meera P. Narasimhan, Reg. No. 40,252
1493 Chain Bridge Road, Suite 300
McLean, Virginia 22101
Tel: (703) 442-4800
Fax: (703) 448-7397

ELONGATED CHAMOIS PAD

BACKGROUND OF THE INVENTION

This application claims the benefit of U.S. Provisional Application No. 60/166,424 filed November 19, 1999.

Existing chamois covered sponges are inadequate for the purposes of washing, rinsing and wiping large surface areas and then wringing the chamois covered sponge dry.

Needs exist for more efficient chamois covered sponges which are easier for the user to wring out and which wash, rinse and wipe large surface areas in less time.

SUMMARY OF THE INVENTION

The present invention improves upon currently available chamois covered cleaning devices. The invention provides an elongated poly sponge uniquely covered by a chamois which is uniformly punctured with die cut holes.

The long chamois covered sponges may be wrung out like a rag. More water can be held within the elongated sponge in comparison to currently available sponges. When wrung out, more of the water is forced through the chamois covering to clean the covering. The elongated chamois covered sponge makes quick work out of washing, rinsing and wiping large areas. The wringing out presents clean renewed chamois facings.

In a preferred chamois pad, the smooth seams on the edges of the pad and around the circumference are created by sewing two pairs of smaller rectangular pieces of chamois together. The resulting two long chamois rectangles are sewn together along two

side edges and one end edge or along two end edges and the side edges. Turning the chamois inside out faces the stitching inward toward the long poly sponge as it is loaded in the chamois pocket. The fourth edge, which is the second end edge, is tightly bound with stitching facing outwardly from the device. The chamois forms a tight skin-like covering for the sponge so that it does not shift during repeated use.

Preferably the cover pieces of the invention are made by sewing together four smaller rectangular pieces of chamois with die cut holes which are aligned in alternating rows.

Distinct advantages arise in the present invention from its long dimension. Currently available chamois covered sponges are hand sized, measuring approximately seven inches in length and four inches in width. The present invention is wringable for forcing clean water through the chamois. The present invention washes, rinses and wipes a much larger area in a single stroke because of its advantage in length.

The preferred elongated chamois pad is approximately two and one third times longer than currently available pads. For example, the pad preferably measures approximately sixteen and one-half inches in length. Users of the new elongated chamois pad experience less strain on their wrists and forearms, because the longer pad is easier to wring out than currently available short pads. Another advantage to the user of the elongated chamois is that almost all of the water can be wrung out of the elongated chamois pad. Therefore, the poly sponge contained

within the chamois is able to absorb more clean water for rinsing. The object being cleaned rinses more thoroughly in less time leaving less residue.

These and further and other objects and features of the invention are apparent in the disclosure, which includes the above and ongoing written specification, with the claims and the drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is a perspective view of two pieces of elongated chamois cover with seams.

Figure 2 is a perspective view of a single large rectangular piece of chamois prior to folding and stitching.

Figure 3 is a perspective view of a single large rectangular piece of chamois folded in half lengthwise and stitched on one side and one end.

Figure 4 is a perspective view of the two elongated pieces of chamois of Figure 1 laid one on top of the other and stitched together on the edges of the two long sides and the edge of one end.

Figure 5 is a perspective view of the chamois covering and the poly sponge prior to inserting the sponge into the outer covering.

Figure 6 is a perspective view of the assembled chamois covered sponge showing the smooth seam along the circumference of the center and along one side of the invention and the outward

facing stitching on one end.

Figure 7 is a view of the top or bottom surface of the invention.

Figure 8 is a view of the outwardly stitched end of the invention.

Figure 9 is a view of the inwardly stitched end of the invention.

Figure 10 is a photocopy of one side of the invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

In a preferred embodiment of the present invention four small rectangular pieces of chamois each being about nine and one-half inches in length and about six and one-quarter inches wide have die cut or punched holes 6 shown spaced on one-half inch centers as represented in Figure 1. The four pieces of chamois are stitched together to form a pair of elongated pieces of chamois with outward facing seams 8 in the center of the resulting elongated sheet of chamois 1.

The preferred embodiment uses chamois made from sheep-skin. The smaller pieces are more plentiful and less expensive than much larger pieces. Preferably sheep-skin chamois is used for the cover. Alternatively, man-made chamois-like cloth may be used as a covering.

In the preferred embodiment shown in Figure 2, the cover is a single large rectangular piece of chamois 1, which preferably measures about thirty seven and three-quarter inches in length

and about six and one-quarter inches in width. The rectangular sheet in Figure 2 has opposite ends 2 and sides 3. By folding the rectangular sheet end to end about a center 4, the rectangular sheet is transformed into a pocket made of a single rectangular sheet having two equal halves joined together along the fold axis and stitched 7 together along the side edges 3.

In Figure 3 a large piece of chamois 1 having a length of about eighteen and three-quarter inches and a width of about twelve and one-half inches is folded in half medially along one side and stitched 7 closed on the opposing long side edge 3 and one end 2, forming a pocket 11 in which to insert the elongated poly sponge.

Referring now to Figure 4, the rectangular pieces of chamois 1 of Figure 1 are placed one on top of the other so that the side edges 3 and end edges 2 line up and the stitching 8 from joining the two smaller rectangular pieces of chamois faces outwardly.

The two longer parallel edges 3 are stitched 7 and one end edge 2 is stitched 7, forming a pocket 11. The pocket is then preferably turned inside out so that the outward facing stitching 7 from Figure 4 is inside the pocket as shown in Figure 5. However, the invention is not limited this joining of the edges. Other joints, such as along the shorter edges first and then the longer edges and the like, are within the scope of this invention.

Also shown in Figure 5, the long poly sponge 12 is inserted into the pocket 11. The stitching 7 having been turned toward

the inside of the pocket leaves smooth seams 5 on the outside surfaces of the invention.

Figure 6 shows the finished product with an outer surface of chamois 1 with die cut or punched holes 6 and smooth seams 5. It is understood that the chamois completely covers the poly sponge material and that the remaining end of the rectangular pocket 11 from Figure 5 is stitched shut 13 to prevent the sponge from slipping out of the chamois pocket.

Figure 7 is a view of the top or bottom surface of the new elongated wringable chamois pad. This view shows the outwardly stitched end 13 and the edges 3 and end 9 and seam 5 which stitching faces toward the inside of the pocket, creating smooth surfaces at the seams where the chamois pieces are joined.

Figure 8 is a view of the new chamois pad showing the outwardly stitched end 13.

Figure 9 is a view of the new chamois pad showing the smooth seam 5 on end 9 created by the inwardly facing stitching.

Figure 10 is a side view of either side of the new chamois pad showing the wringable elongation and the smooth seam 5 on side edge 3 and perpendicularly in the middle of this view of the invention created by the inwardly facing stitching.

While the invention has been described with reference to specific embodiments, modifications and variations of the invention may be constructed without departing from the scope of the invention, which is defined in the following claims.

I claim:

1. An elongated wringable pad comprising a cover and an absorbent material in the cover, at least one rectangular piece forming the cover, plural holes in the piece, the pad being of sufficient length to wring-out contents of the pad by twisting along the length of the pad.

2. The pad of claim 1, wherein the holes are die-cut holes.

3. The pad of claim 1, wherein the holes are punched holes.

4. The pad of claim 1, wherein the holes are spaced on one-half inch centers of the cover.

5. The pad of claim 1, wherein the absorbent material is an elongated poly sponge.

6. The pad of claim 1, wherein the at least one piece is at least one rectangular sheet.

7. The pad of claim 6, wherein the at least one rectangular sheet has opposite end-edges and side-edges.

8. The pad of claim 7, further comprising a pocket formed by joints along the side-edges and/or end-edges of the at least one rectangular sheet for receiving and holding the absorbent material in the pocket.

9. The pad of claim 8, wherein the joints are seams formed by stitches.

10. The pad of claim 9, wherein the pocket has the seams inward facing and smooth outer surfaces.

11. The pad of claim 7, wherein the at least one rectangular sheet has folds between the end-edges about an axis forming a pocket having equal halves joined together along the side-edges.

12. The pad of claim 7, wherein the at least one rectangular sheet has folds between the side-edges about an axis forming a pocket having equal halves joined together along the end-edges.

13. The pad of claim 7, wherein the at least one rectangular sheet has folds medially along one side-edge and one end-edge forming a pocket having the opposite side-edges joined to each other.

14. The pad of claim 7, wherein the at least one rectangular sheet has folds medially along one end-edge forming a pocket having the opposite side-edges joined together.

15. The pad of claim 6, wherein a length of the cover is about thirty seven and three-quarter inches and a width is about six and one-quarter inches.

16. The pad of claim 6, wherein a length of the cover is about eighteen and three-quarter inches and a width is about twelve and one-half inches.

17. The pad of claim 1, wherein the at least one piece is a chamois piece.

18. The pad of claim 1, further comprising plural pieces forming the cover.

19. The pad of claim 18, wherein the plural pieces are

chamois pieces.

20. The pad of claim 19, wherein the chamois is sheep-skin chamois.

21. The pad of claim 18, wherein the plural pieces are of man-made chamois-like cloth material.

22. The pad of claim 18, wherein the plural pieces are at least four pieces forming the cover.

23. The pad of claim 22, wherein the pieces are rectangular pieces.

24. The pad of claim 23, wherein each piece is about nine and one-half inches in length.

25. The pad of claim 23, wherein each piece is about six and one-quarter inches wide.

26. The pad of claim 23, wherein the pieces are of chamois material.

27. The pad of claim 23, further comprising connections for connecting the four pieces of chamois.

28. The pad of claim 27, wherein the connections are stitched seams.

29. The pad of claim 28, wherein the seams are formed along side-edges and end-edges of the at least four rectangular pieces positioned as paired-pieces placed on top of one another for alignment of the side-edges and end-edges for receiving stitches to join each of a pair of two smaller rectangular pieces to the other.

30. The pad of claim 28, wherein the seams are formed along

two longer parallel side-edges and one end-edge.

31. The pad of claim 30, further comprising a pocket formed by the stitched seams.

32. The pad of claim 31, wherein the pocket has the connections facing inwards and smooth outer surfaces after turning the pocket inside-out.

33. The pad of claim 32, wherein the absorbent material is an elongated poly sponge inserted into the pocket.

34. The pad of claim 28, wherein the at least four pieces with the seams form a pair of elongated pieces of chamois with outward facing seams in a center of an elongated sheet of chamois formed by the connections of the four pieces together prior to insertion of the absorbent material.

35. The pad of claim 34, further comprising a pocket formed when the at least four pieces joined by the seams are turned inside-out, and wherein the pocket has the seams facing inwards and smooth outer surfaces.

36. The pad of claim 1, wherein the cover is a pocket having inward facing joints and smooth outer surfaces with the holes.

37. The pad of claim 36, wherein the cover completely covers the absorbent material and edges of the at least one piece are joined together to prevent the absorbent from slipping out of the pocket.

38. The pad of claim 36, wherein at least one of the edges joined together has outward facing seams.

ABSTRACT OF THE DISCLOSURE

An elongated wringable chamois pad is used for washing, rinsing and wiping large surface areas such as motor vehicles. A poly sponge measuring about sixteen and one-half inches long by about four inches wide by about two inches high is tightly enclosed within a chamois covering with die cut holes. The elongated chamois covering is first formed by stitching together two pairs of smaller rectangular pieces of chamois. The resulting elongated sheets of each pair of chamois is stitched together with the other pair on two or three sides then turned inside out forming a pocket with smooth outward seams on the two parallel long edges, one end edge and around the circumference in the center of the invention between the two opposing short ends. The elongated sponge is slightly compressed and is forced into the pocket. Finally, the last short end of the chamois covering is stitched. The chamois covered pad is used for washing, rinsing and wiping. The uniquely covered long sponge may be wrung out as a rag. The entire pad is immersed in and filled with fluid. When only one end is dipped in fluid half of the pad may be used for rinsing while the other side may be used for wiping large surfaces.

FIG. 1

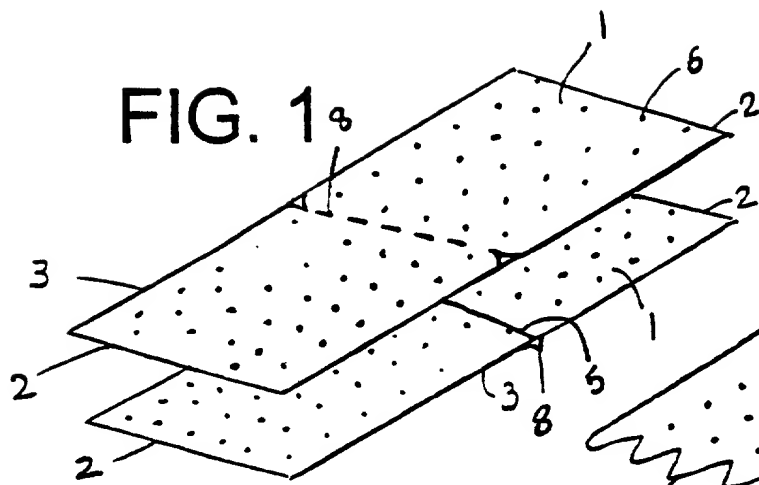


FIG. 2

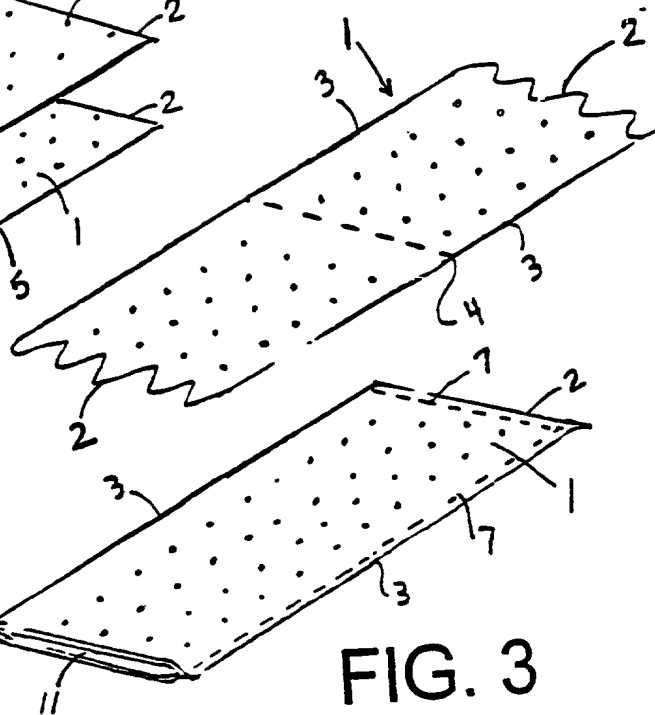


FIG. 3

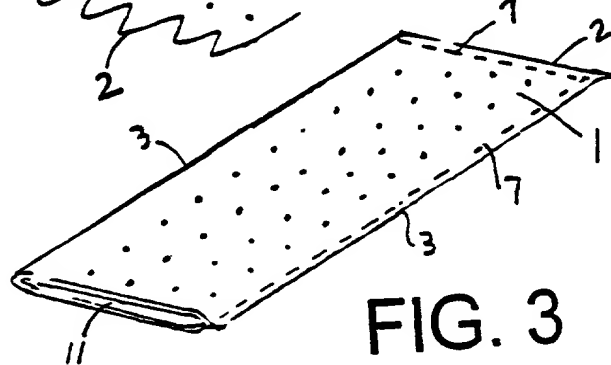


FIG. 4

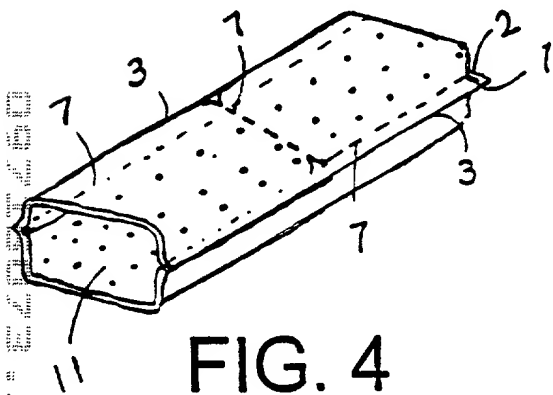


FIG. 5

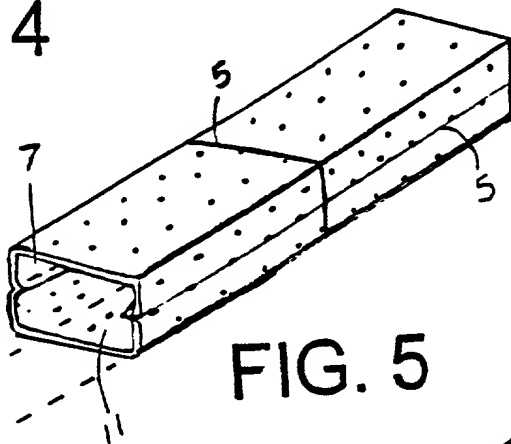
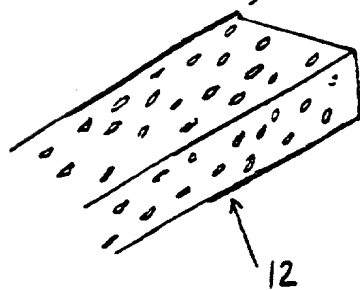
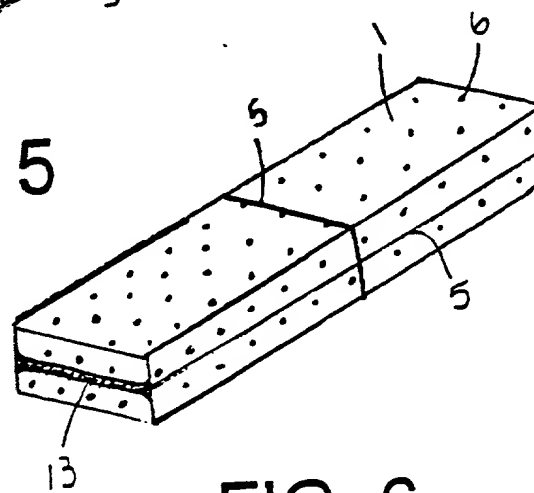


FIG. 6



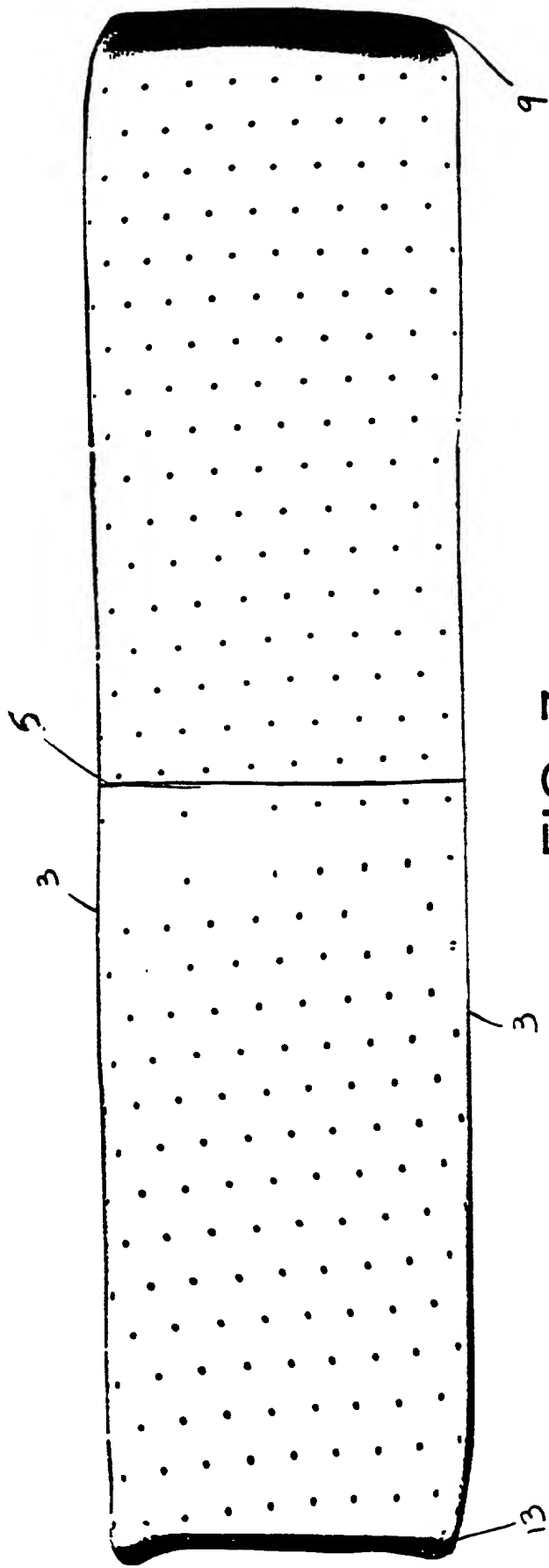


FIG. 7

FIG. 8

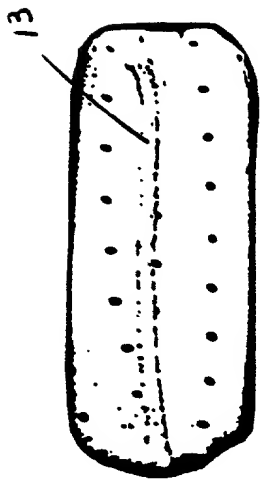


FIG. 9

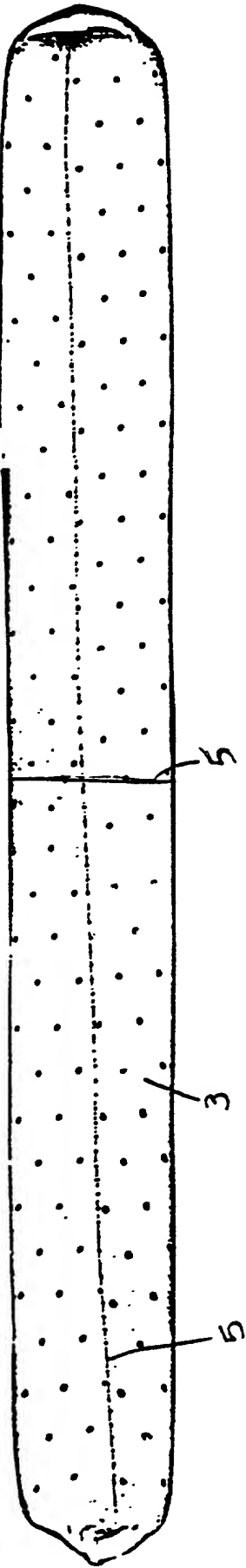
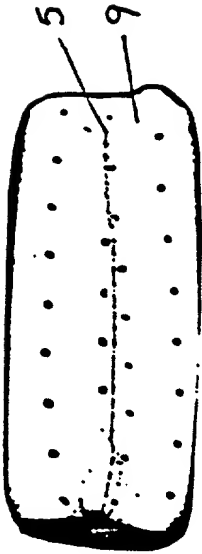


FIG. 10

Please type a plus sign (+) inside this box → +

PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing OR ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number

ACME SPONGE

First Named Inventor

CANTONIS

COMPLETE IF KNOWN

Application Number

/

Filing Date

11/20/00

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Elongated Chamois Pad

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

(if applicable).

Application Number

and was amended on (MM/DD/YYYY)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

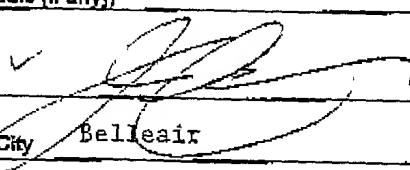
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/166,424	11/19/1999	

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/> Customer Number or Bar Code Label <input type="text"/>		OR <input checked="" type="checkbox"/> Correspondence address below	
Name James C. Wray			
Address 1493 Chain Bridge Road			
Address Suite 300			
City McLean	State VA	ZIP 22101	
Country US	Telephone (703) 442-4800	Fax (703) 448-7397	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name James M. (first and middle (if any))		Family Name Cantonis or Surname	
Inventor's Signature 		Date 11/20/00	
Residence: City Belleair	State FL	Country US	Citizenship US
Mailing Address 855 East Pine Street			
Mailing Address			
City Tarpon Springs	State FL	ZIP 34689	Country US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			